

This diagram shows a complex layered structure. At the top, there are two rectangular blocks labeled 40 and 47, separated by a vertical gap H4. Below them is a layer 36. A central horizontal layer is labeled 39, with regions W indicated above and below it. To the right of this central layer is another layer 38, which contains several small rectangular features labeled 37. Below layer 38 is a thick layer 30, which contains multiple stacked rectangular blocks labeled 34. These blocks are separated by thin layers labeled H1. The entire assembly is supported by a base layer 29. On the far left, a vertical dashed line is labeled 41, and a solid line at the bottom left is labeled 14. Other labels include 42, 43, 44, 45, 46, 47, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

FIG. 2

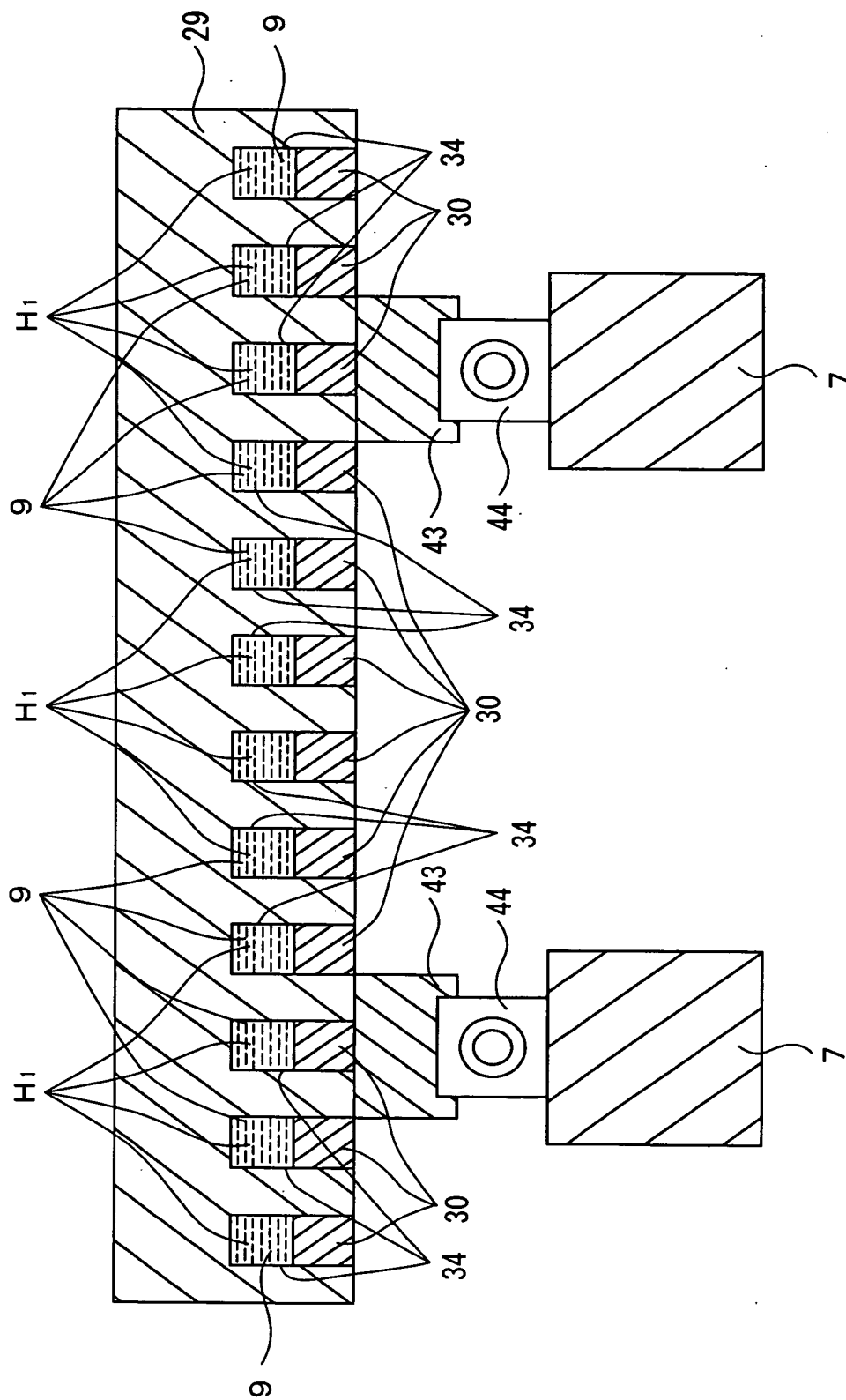
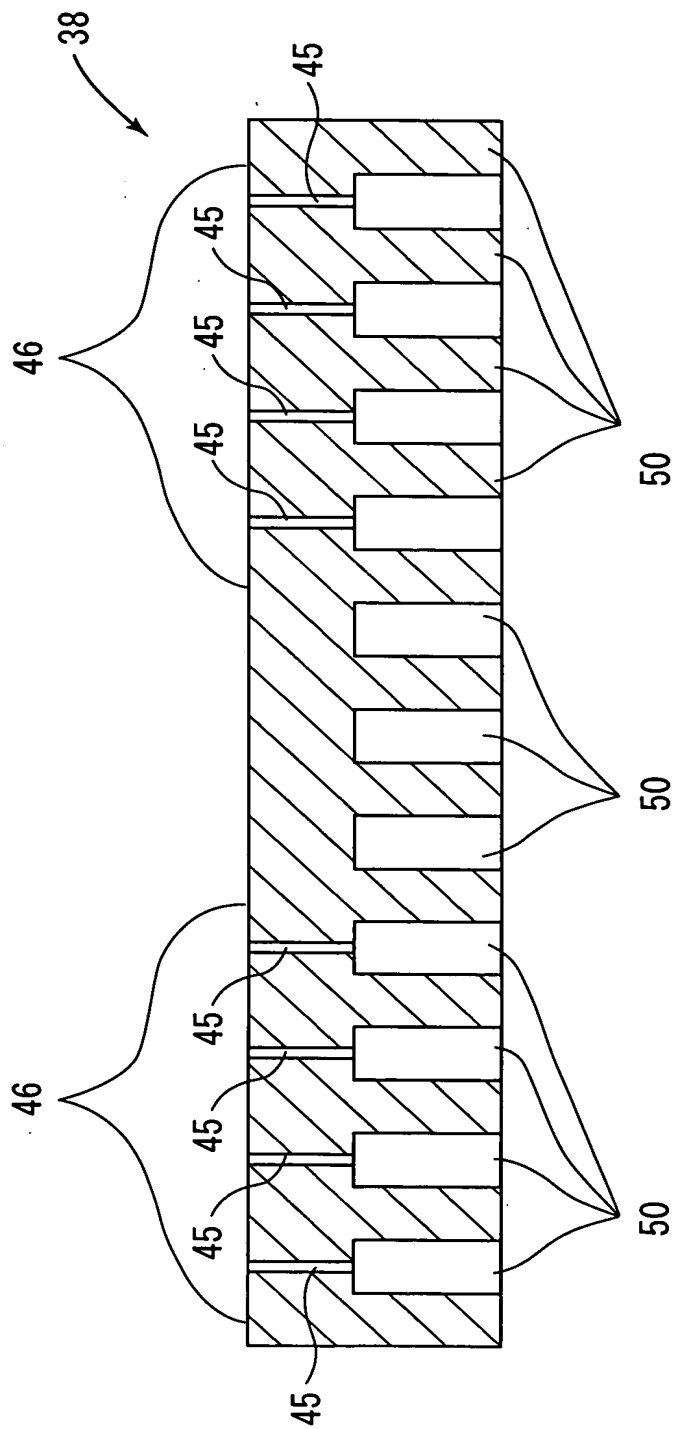


FIG.3



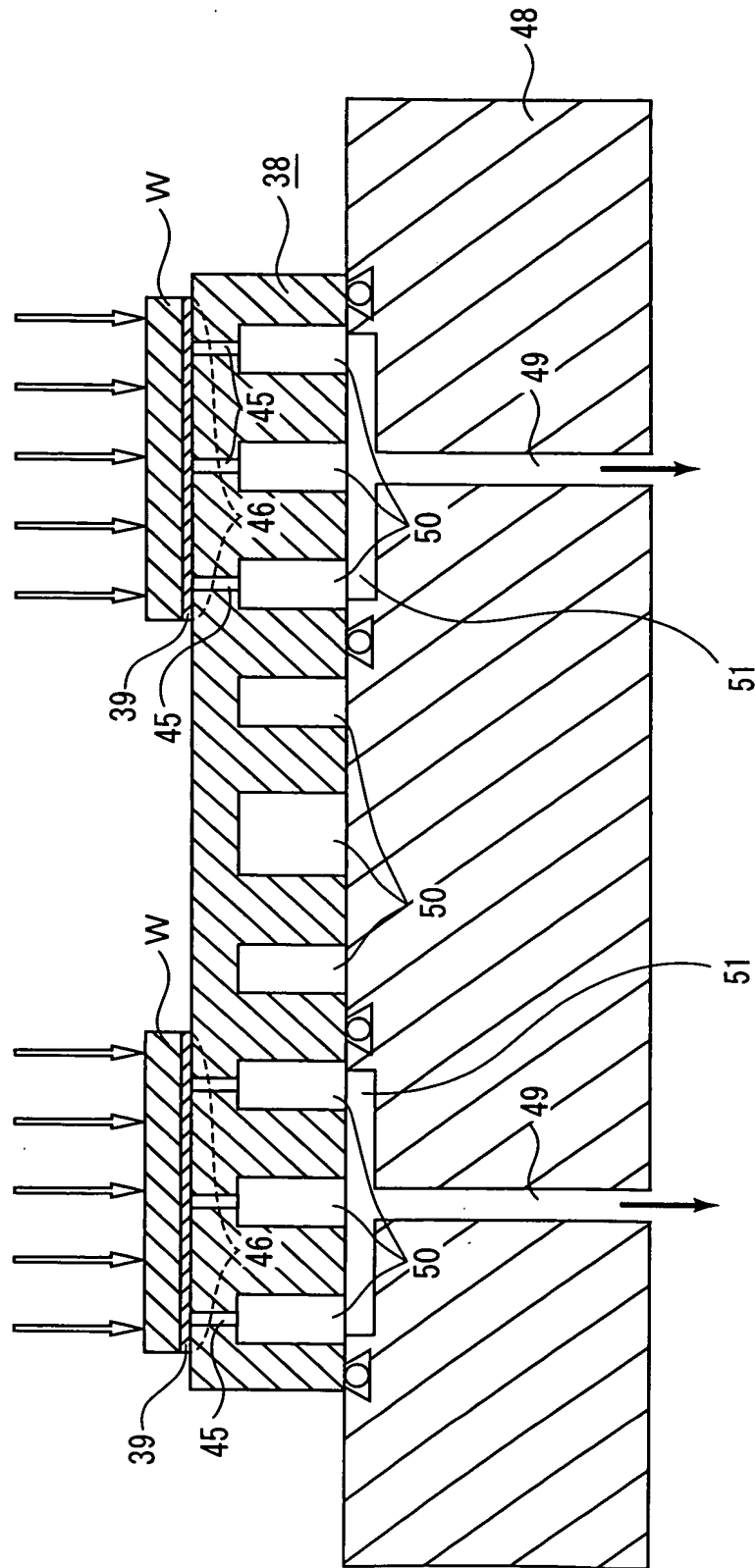
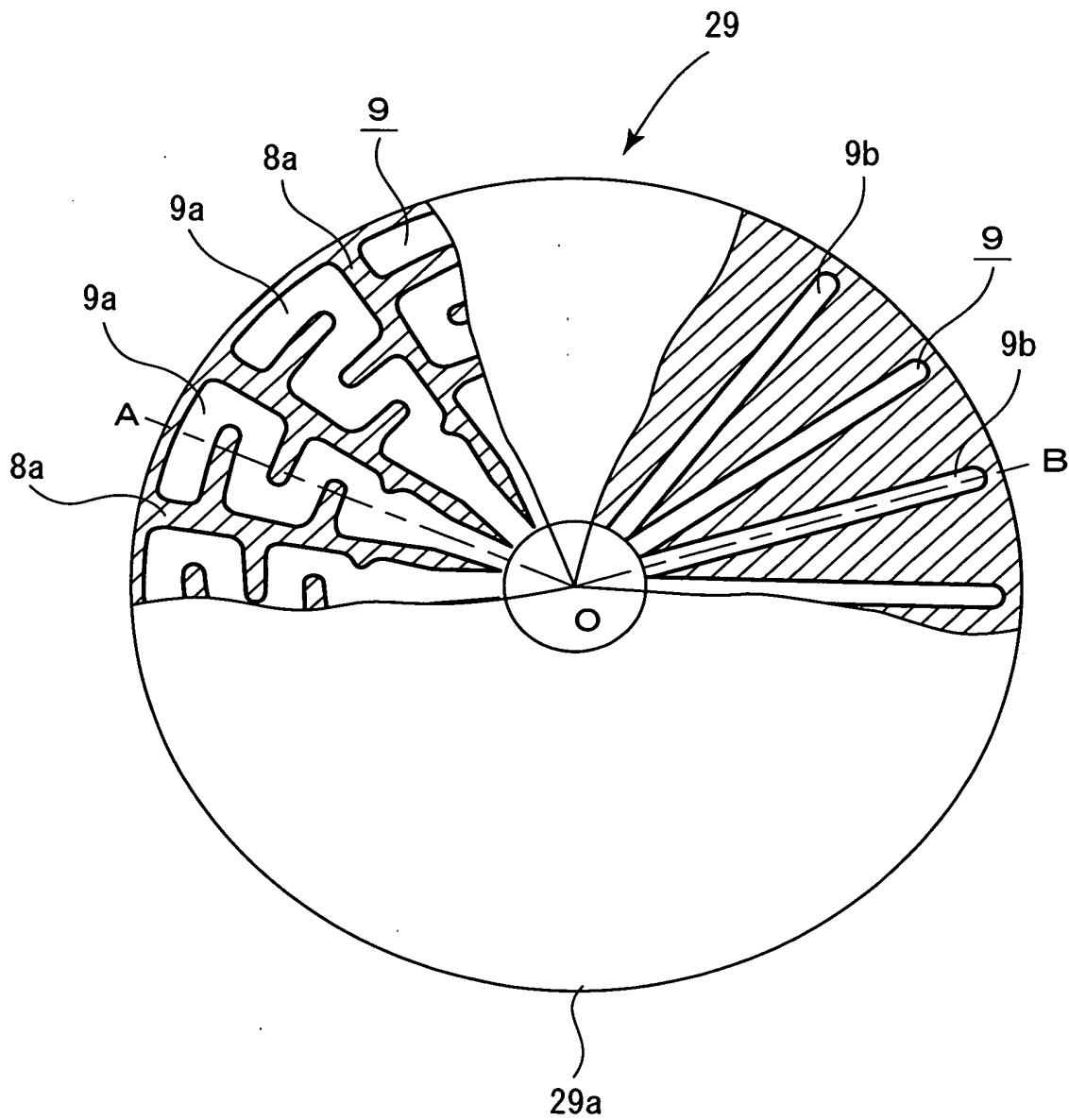


FIG. 5



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FIG. 6

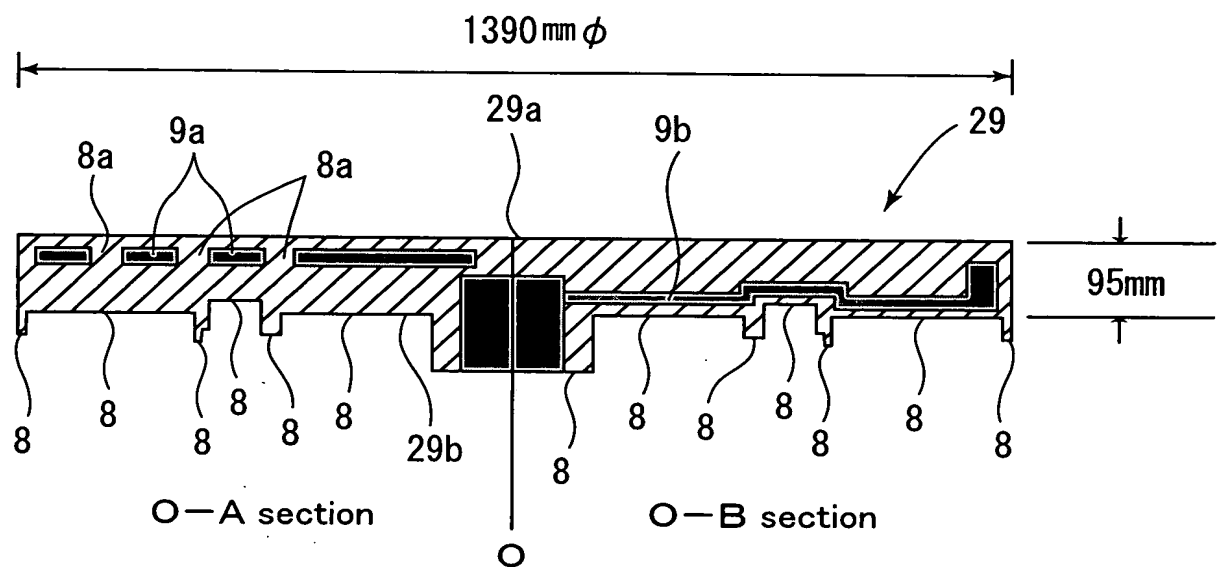


FIG. 7

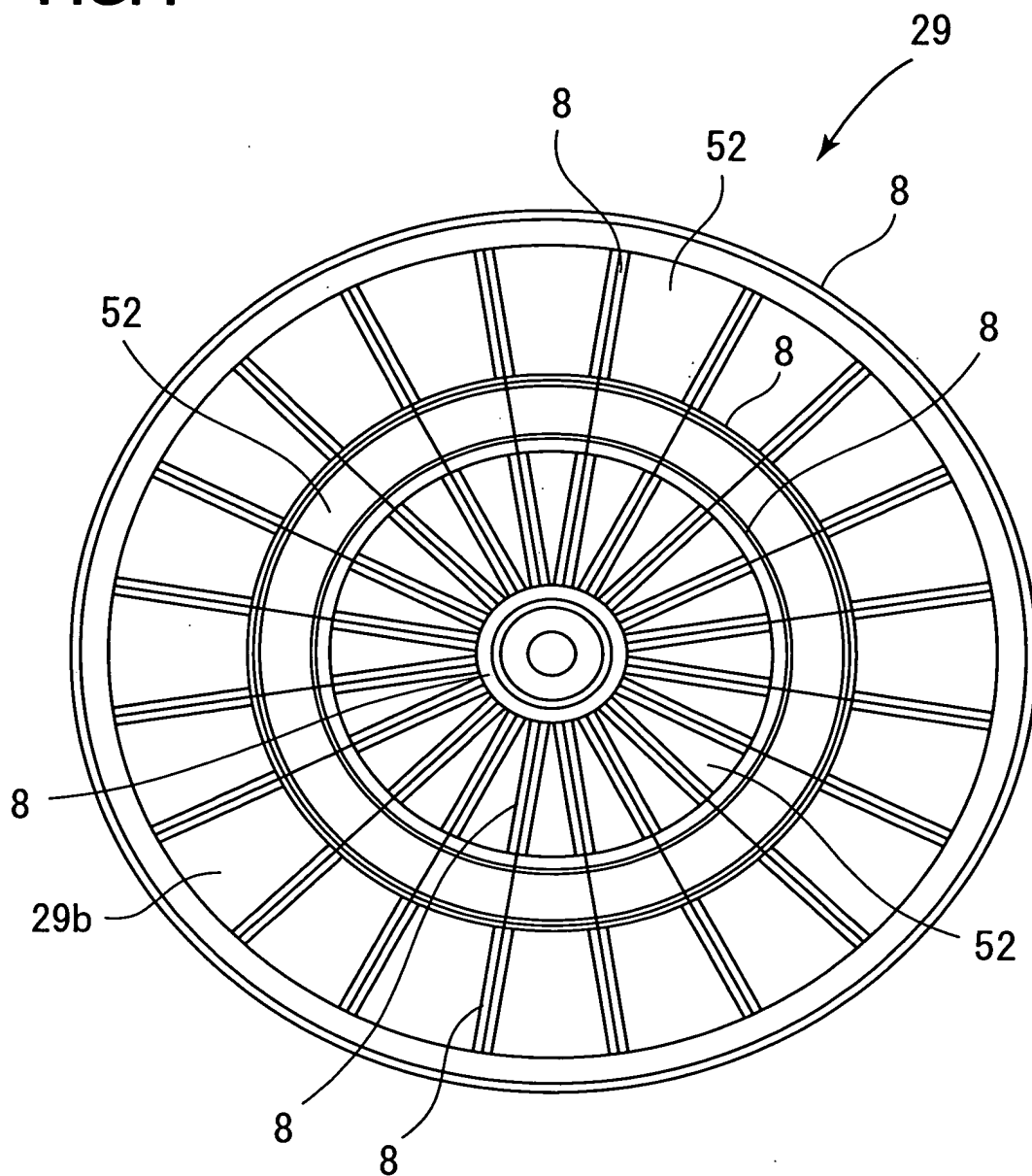


FIG. 8

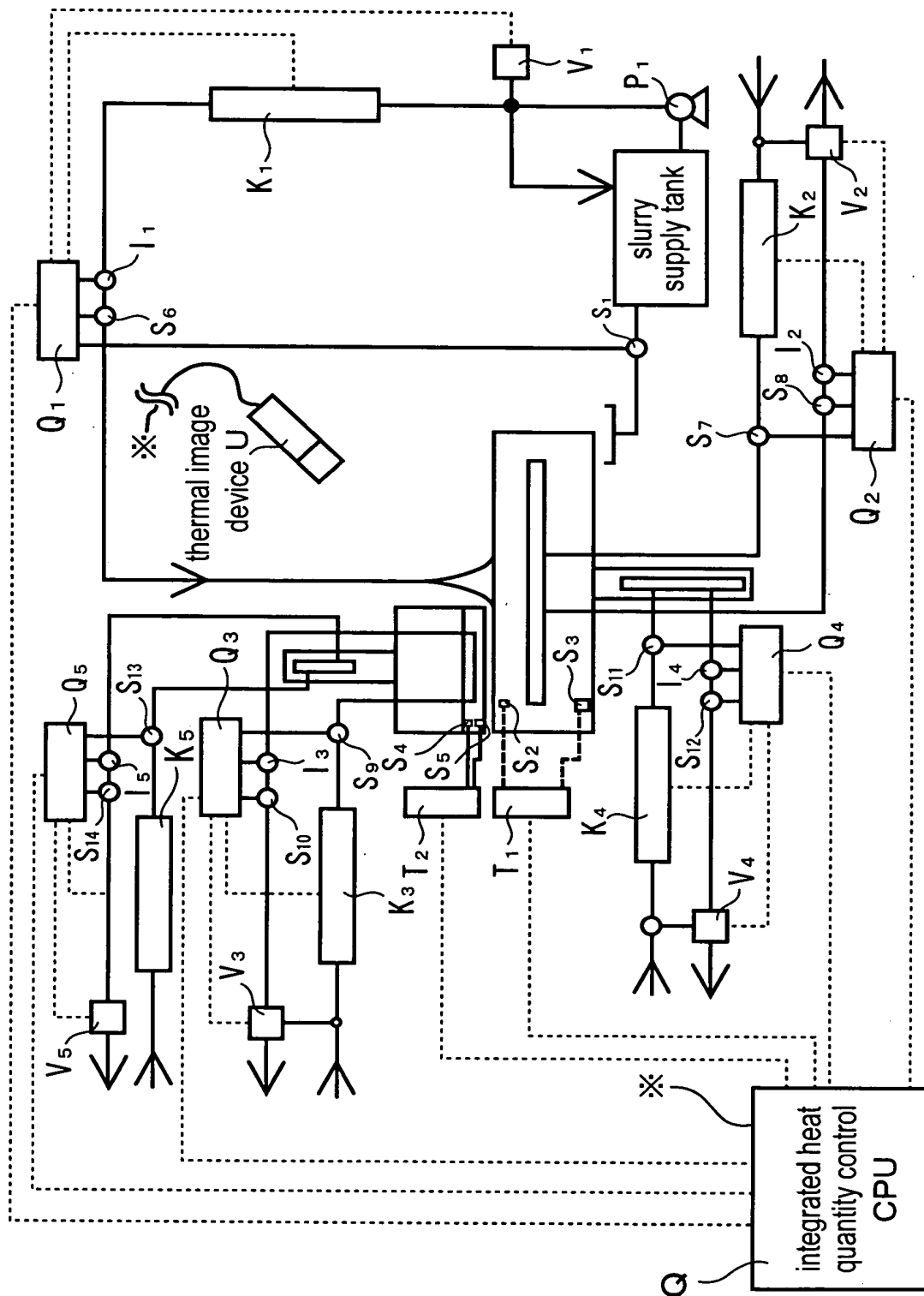
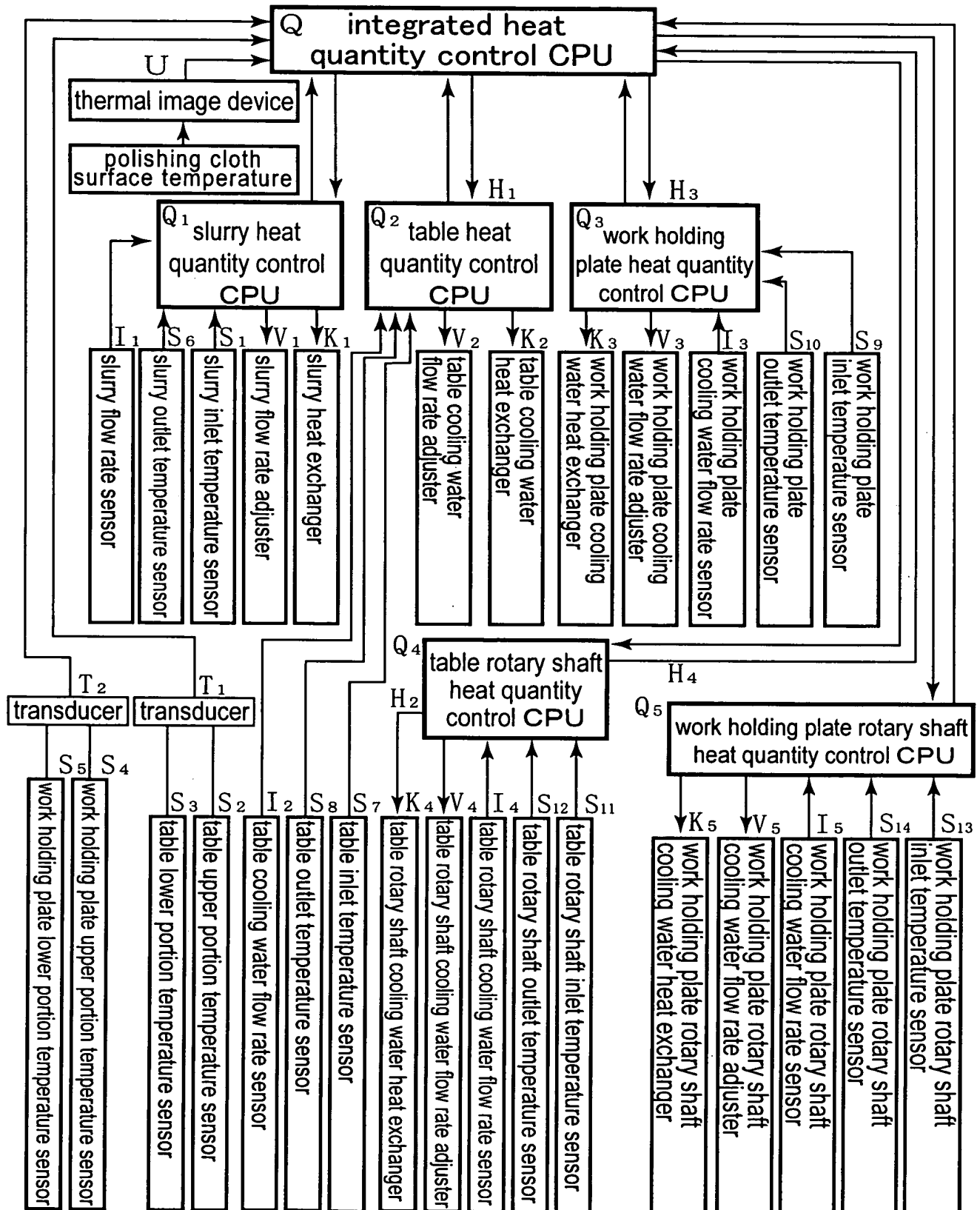


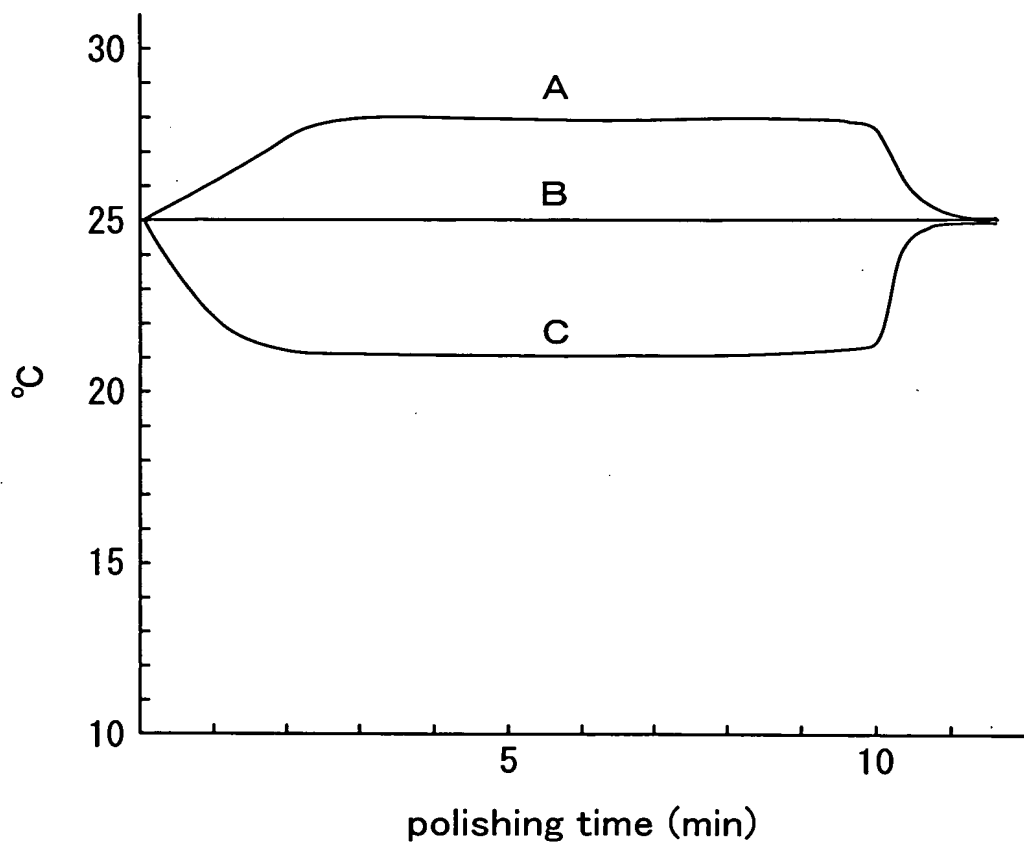
FIG. 9

integrated heat quantity control flow chart



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FIG. 10



A : polishing cloth surface temperature

B : polishing agent solution return temperature (S_6)

C : polishing agent solution supply temperature (S_1)

polishing agent solution supply rate 30 l/min

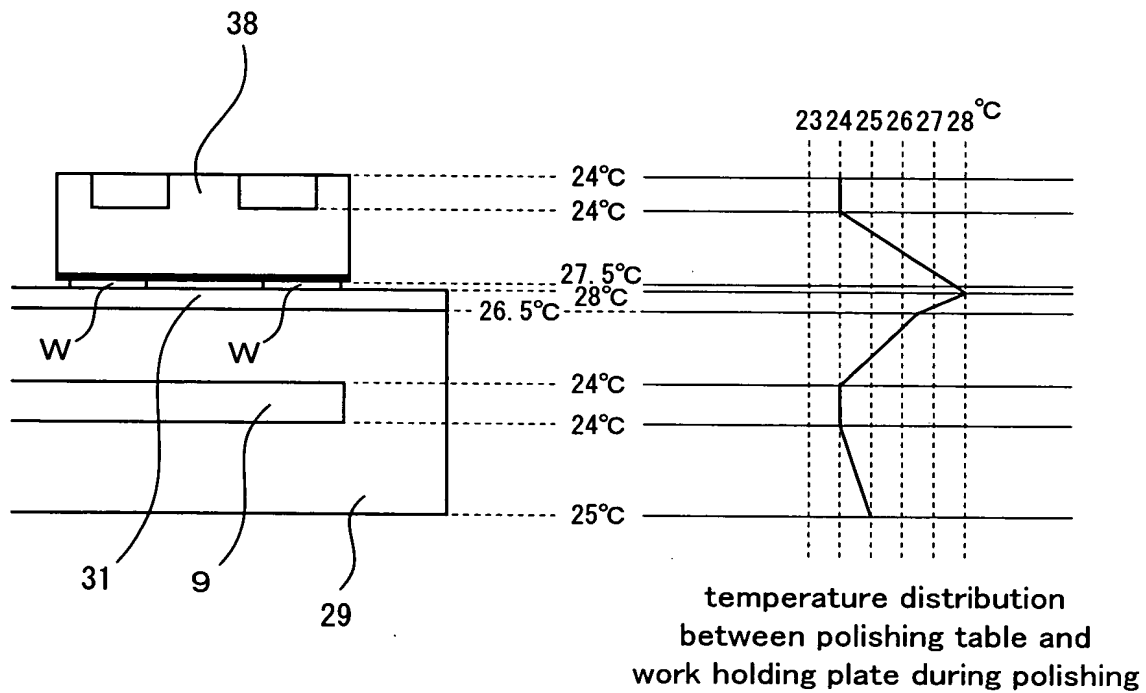
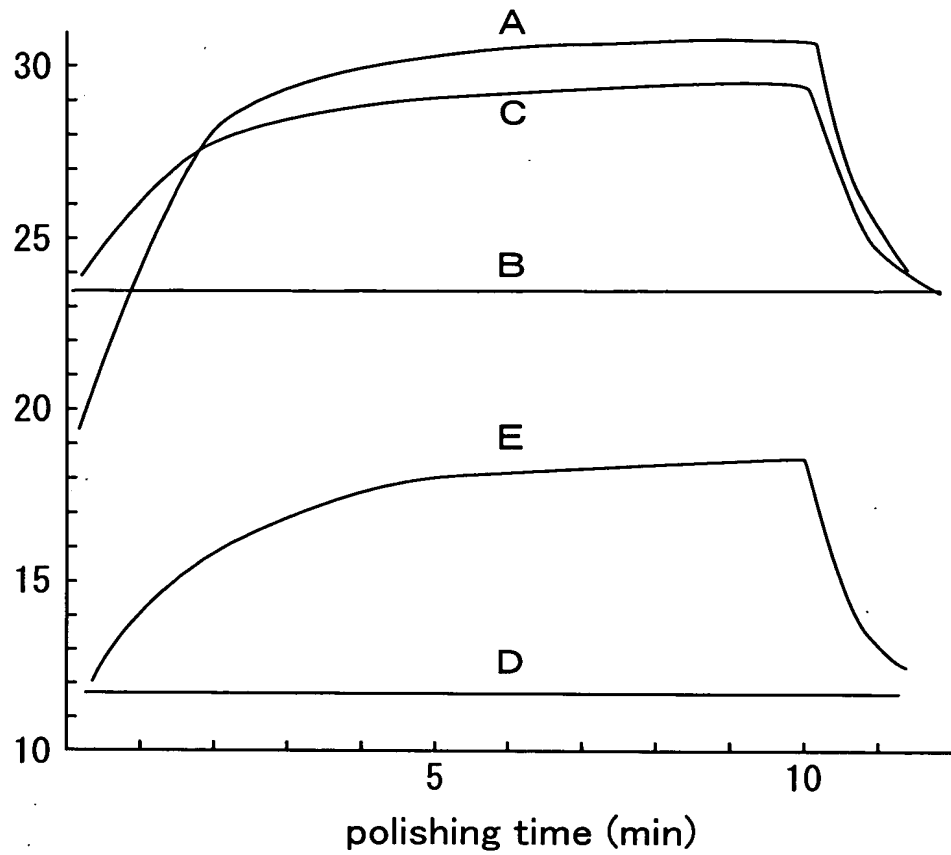


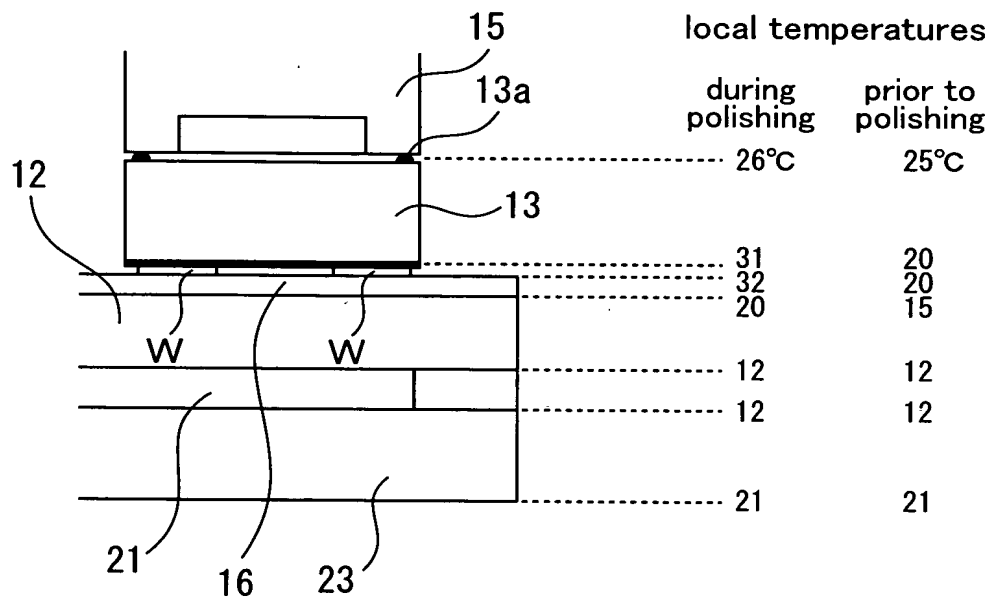
FIG. 12



- A : polishing cloth surface temperature
B : polishing agent solution supply temperature
C : polishing agent solution return temperature
D : polishing table cooling water supply temperature
E : polishing table cooling water return temperature

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FIG. 13



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FIG. 14

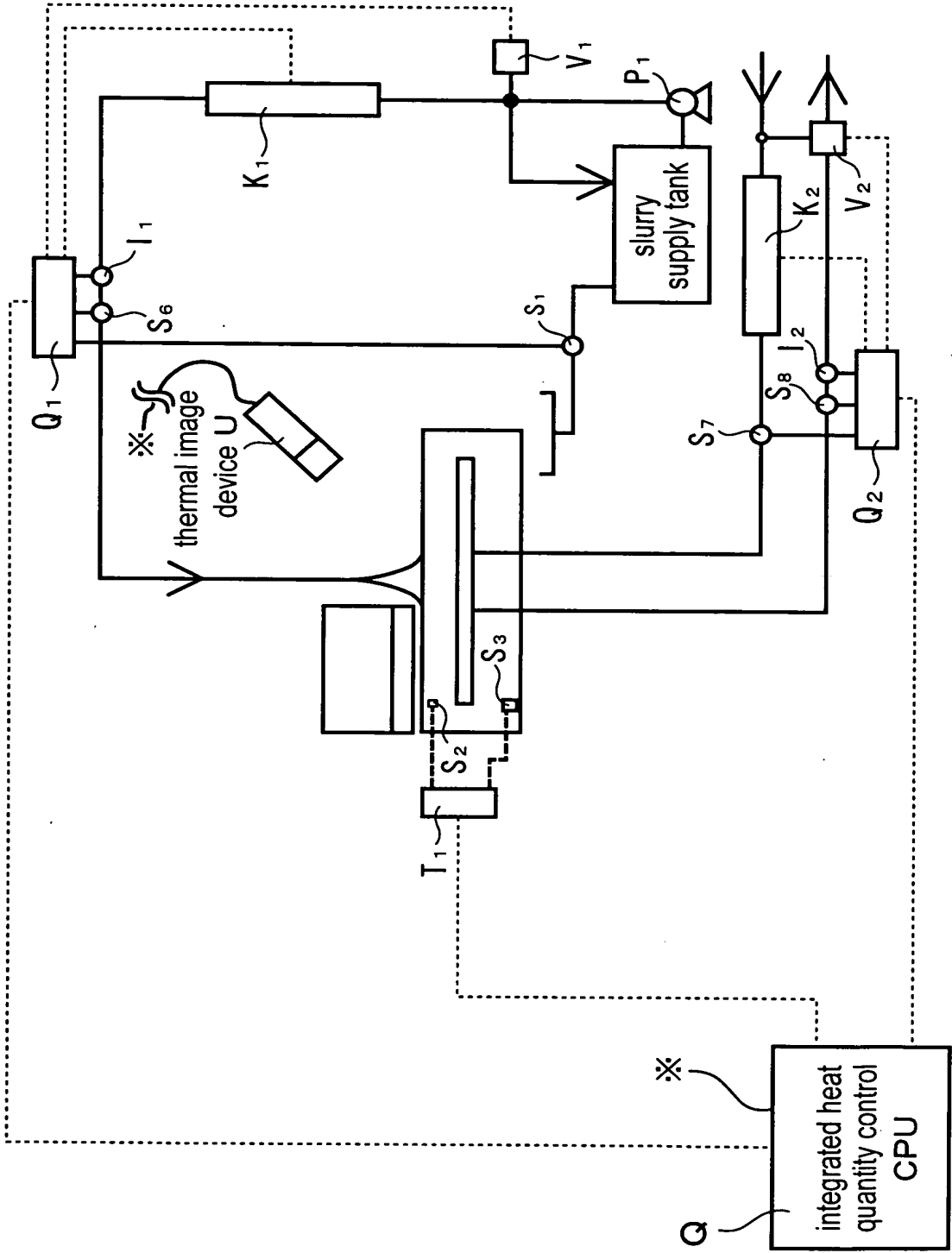


FIG. 15

integrated heat quantity control flow chart

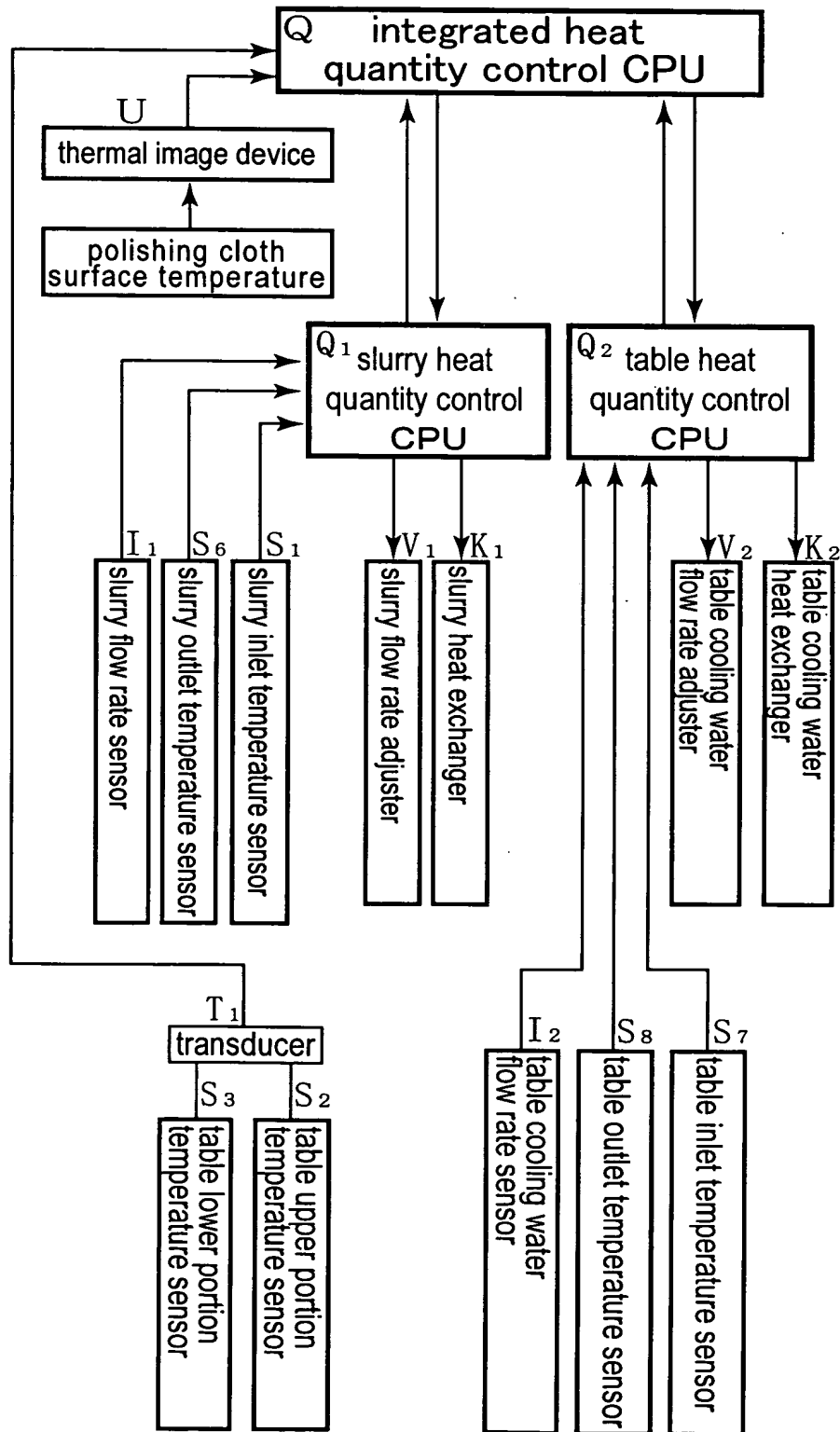


FIG. 16

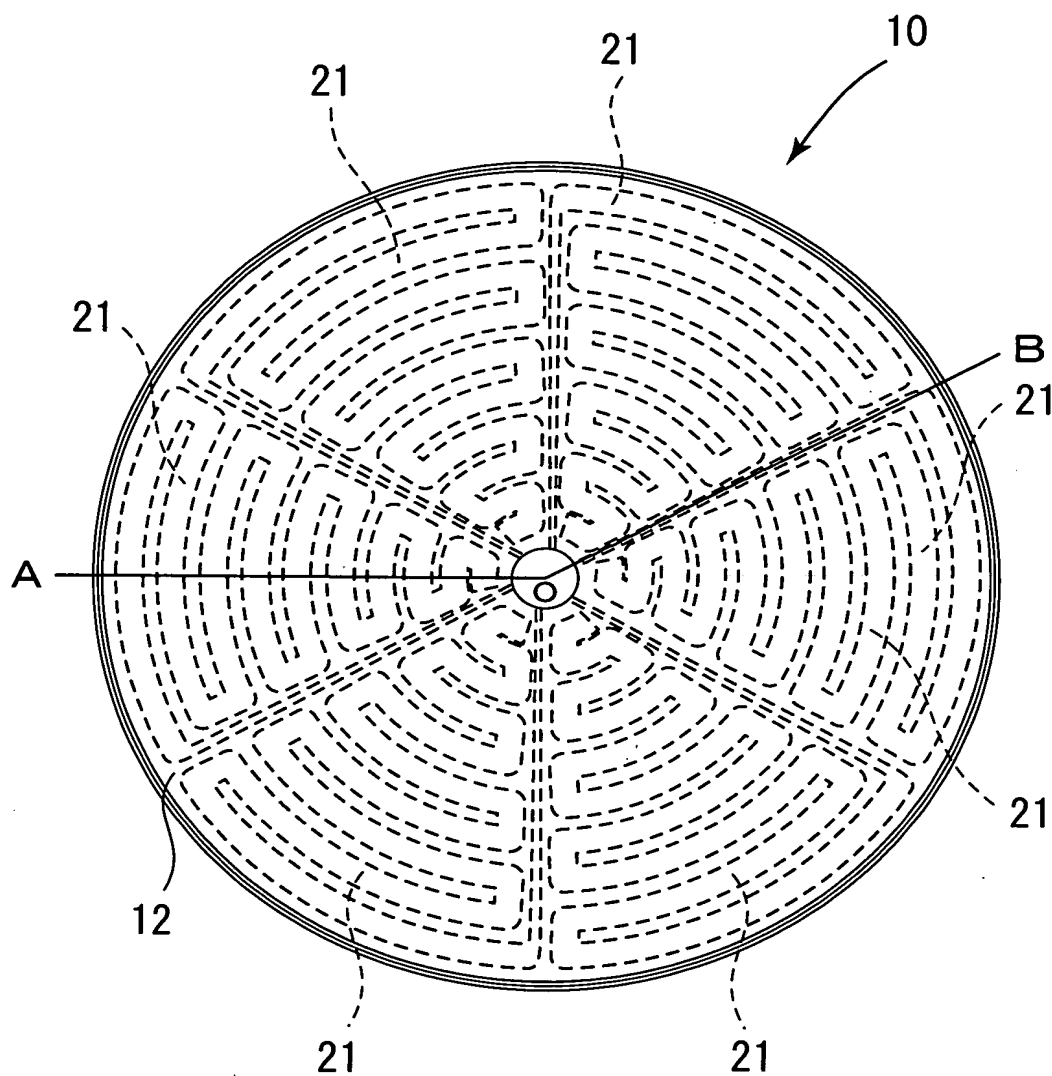


FIG. 17

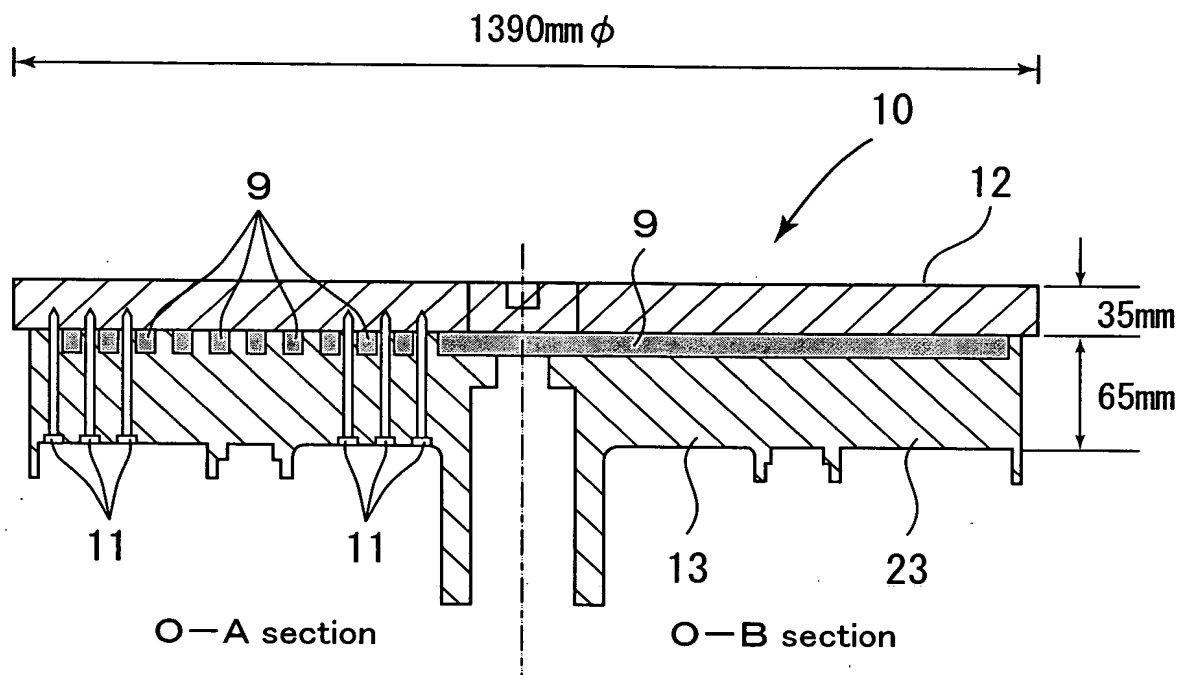


FIG. 18

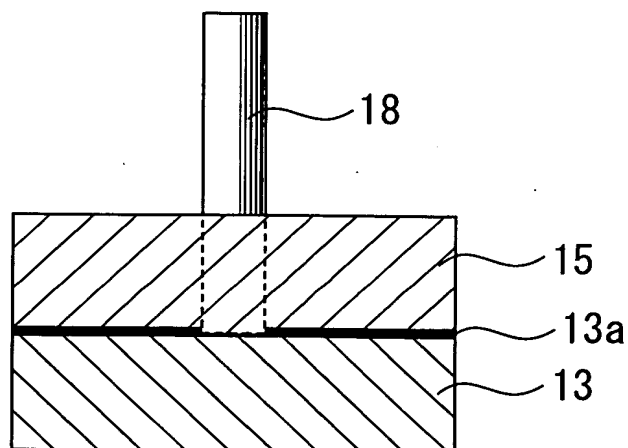


FIG. 19

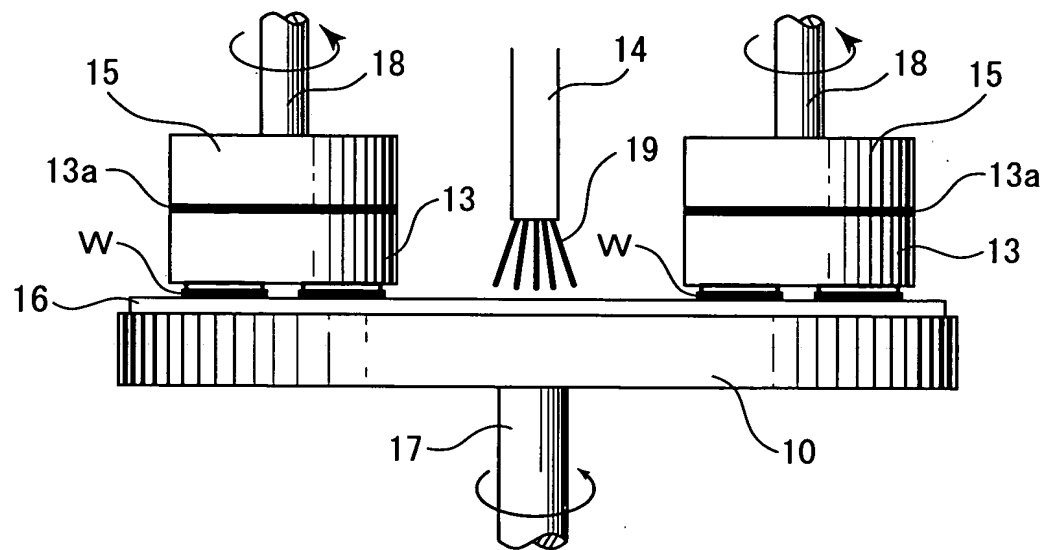


FIG. 20

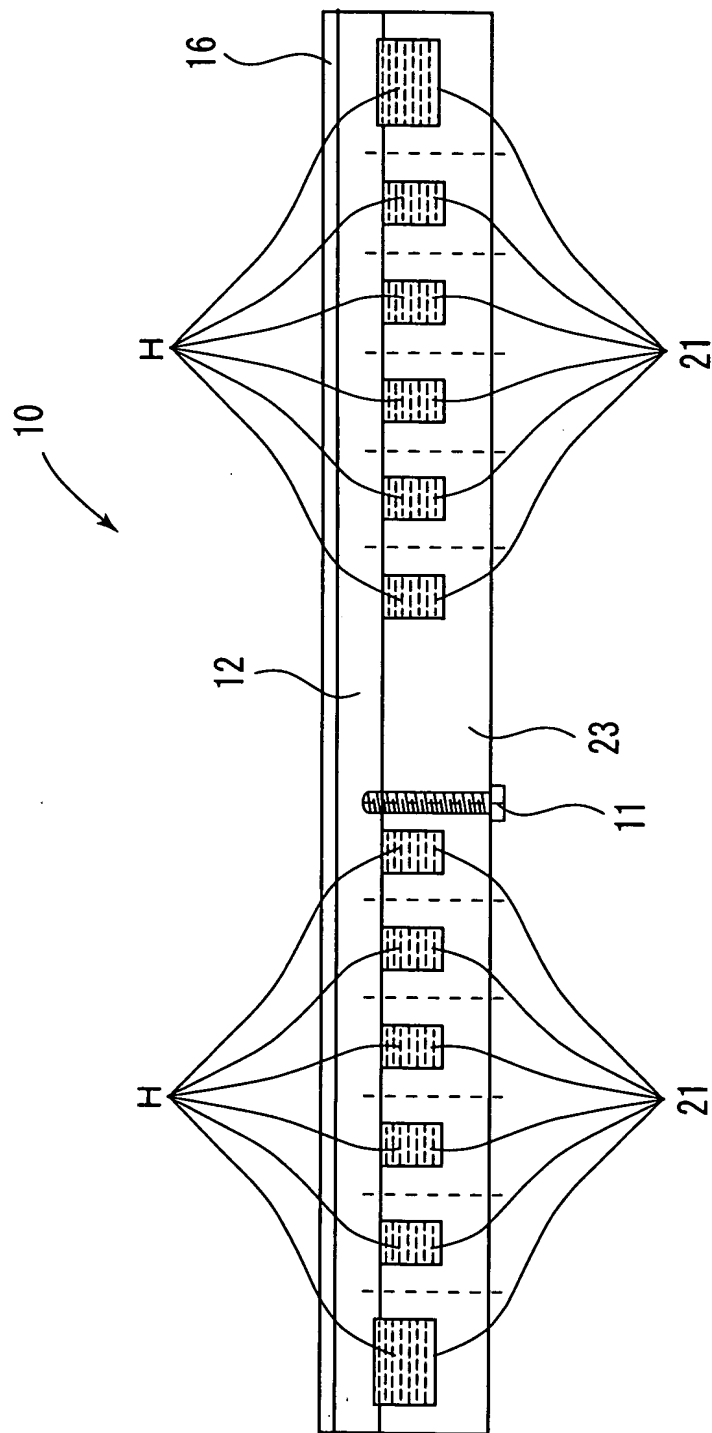


FIG. 21

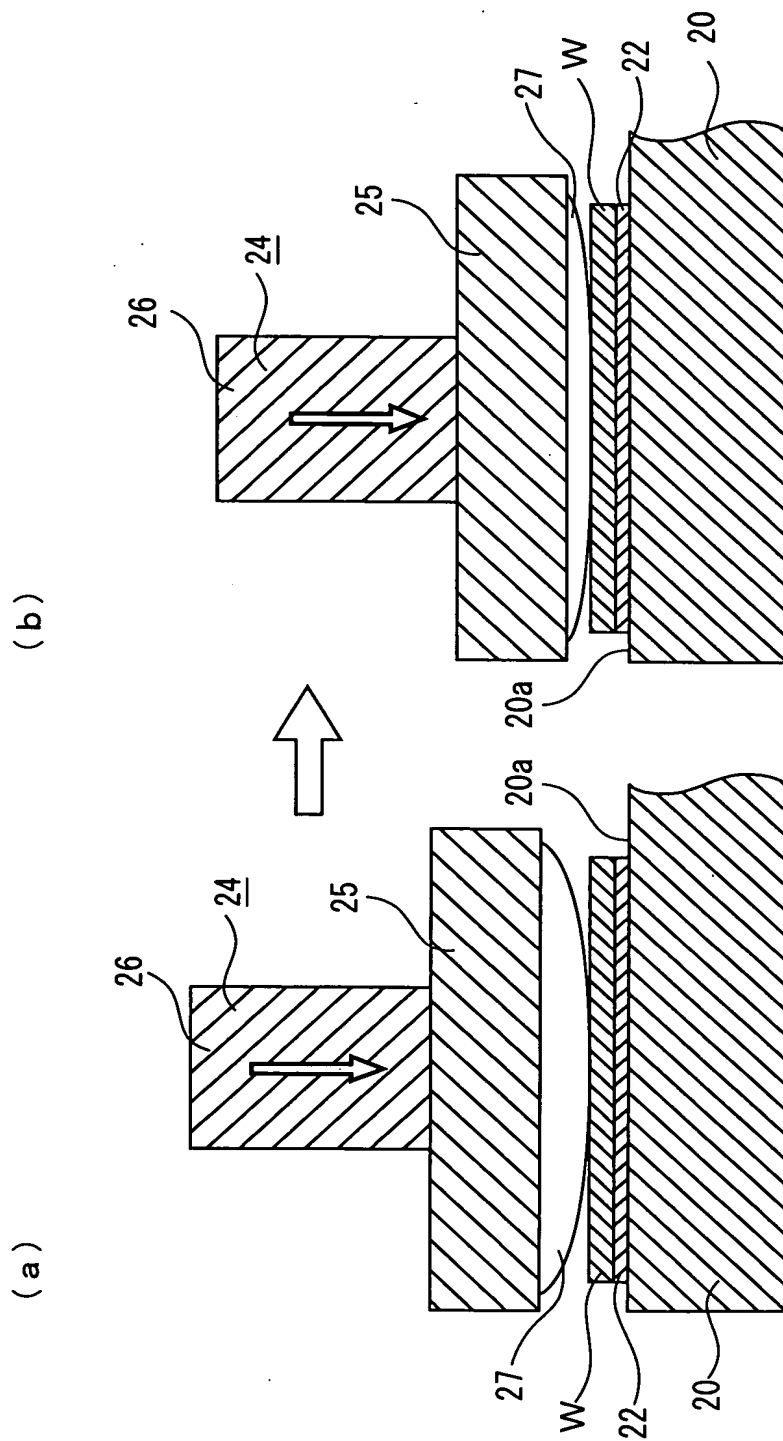


FIG. 22

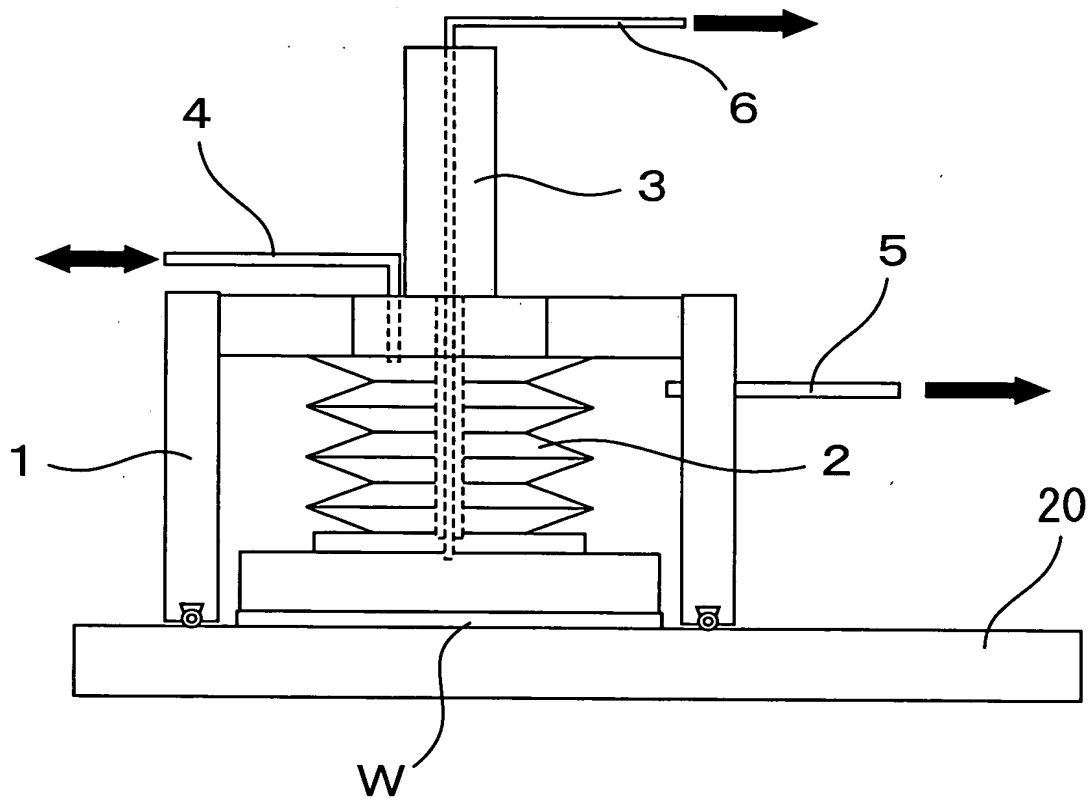
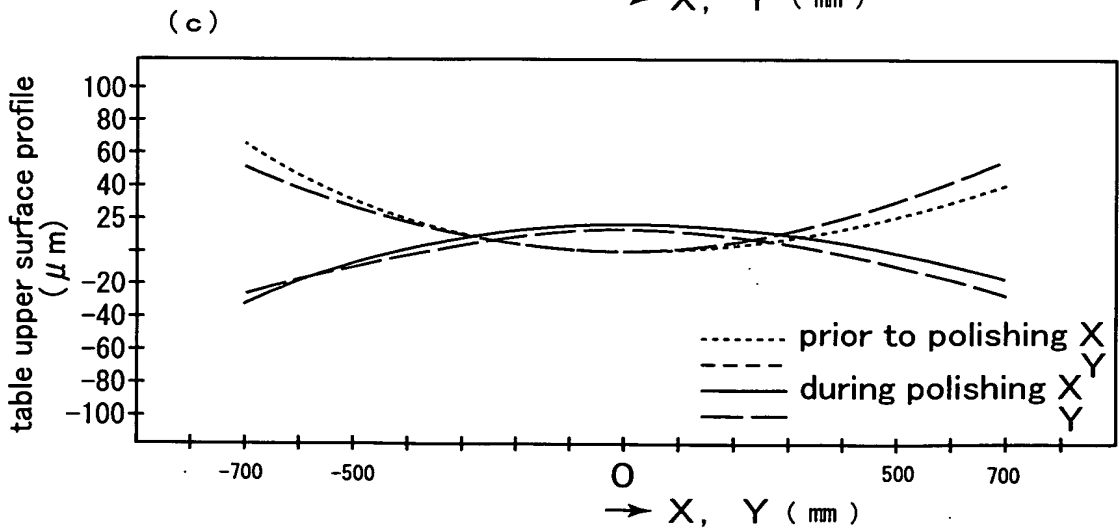
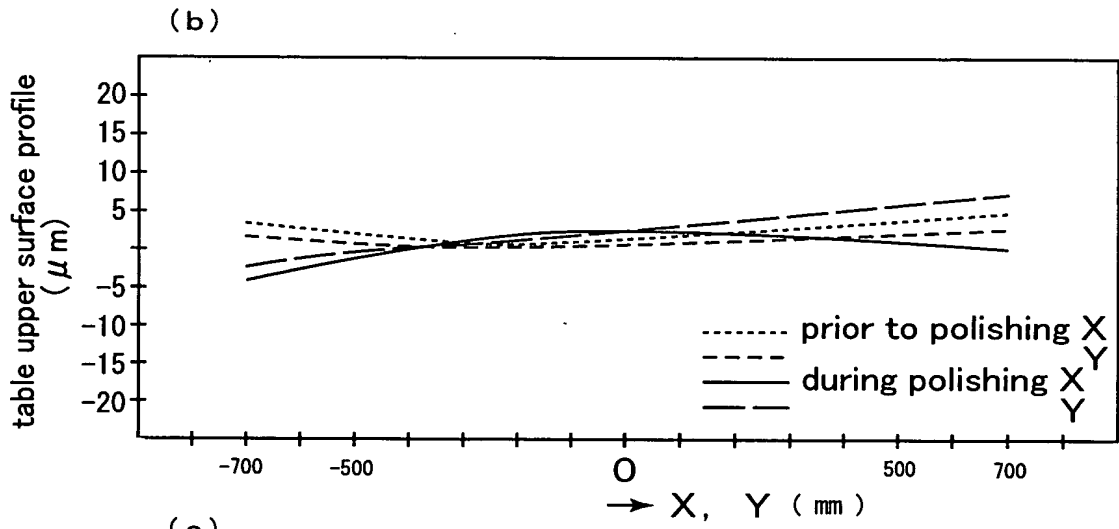
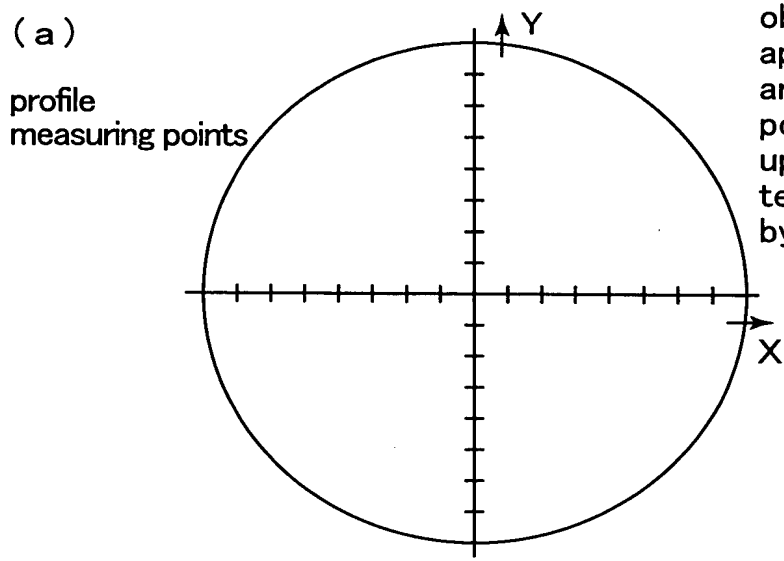


FIG. 23

displacement amounts during polishing were obtained through approximation based on analytical values during polishing using table upper surface temperatures measured by a thermometer



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